

## AMENDMENT TO THE CLAIMS

1. (Currently Amended) A system for providing digital entertainment data, the system comprising:

a processor and memory connected to a system data bus, ~~the memory storing a browser-based graphical user interface and a plurality of content items;~~

multiple pairs of a tuner and a demodulator with each pair receiving a plurality of information signals with each pair selecting a respective content item from the plurality of content items;

a media data bus connected to the system data bus;

a video overlay processor having a first input connected to the media bus, a second input connected to the system data bus, and an output connected to the system data bus, the video overlay processor superimposing a first audio-visual signal over a second audio-visual signal to produce a superimposed signal and outputting ~~sending~~ the superimposed signal to the system data bus;

a network bus connected to the system data bus and receiving the superimposed signal; and

a data switch connected to the network bus that receives the superimposed signal and that sends the superimposed signal to a ~~plurality of~~ switch port[[s]]; and

~~a mass storage device connected to the system data bus.~~

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5. (Currently Amended) The system of claim 1, further comprising a mass storage device connected to the system data bus that wherein the mass storage device stores an item identifier corresponding to a each stored content item stored in the mass storage device, the item identifier having a first data field value that indicates the content item has been

played, a second data field ~~another value~~ indicating the content item has been purchased, and a third data field ~~value~~ indicating the content item has been licensed.

6. (Currently Amended) The system of claim 1, further comprising a mass storage device connected to the system data bus that ~~wherein the mass storage device~~ stores an item identifier corresponding to ~~a each stored~~ content item stored in the mass storage device, the item identifier storing a cost of playback for ~~the each~~ content item and a second cost of purchase for ~~the each~~ content item.
7. (Currently Amended) The system of claim 1, further comprising a card reader for authorizing encrypted pay-per-view events received by the decryption logic ~~wherein a broadband data port couples to the data switch to receive a content item from a broadband data service provider, the content item downloaded and stored on the mass storage device at a data rate that is less than a playback rate in bytes per second, and the system monitoring when a remaining amount of time required to complete the download is less than a playback time of the content item, such that the system may indicate that the content item is available for playback.~~
8. (Currently Amended) The system of claim 1, further comprising a card reader that receives authorization to decrypt encrypted digital information received from the multiple pairs ~~wherein a broadband data port couples to the data switch to receive a content item from a broadband service provider, the content item communicated from the data switch for storage at the mass storage device, the content item comprising a content item storage position identifier specifying a logical storage position in the mass storage device, and when new content items are downloaded and stored, a new content item storage position identifier is also downloaded for the content item already stored on the mass storage device.~~
9. (Currently Amended) The system of claim 8, further comprising decoder logic connected to the media bus ~~a first multimedia input coupled to the multiple pairs of tuner and~~

~~demodulator, wherein the first multimedia input is to receive a plurality of transmission signals.~~

10. (Currently Amended) The system of claim [[9]] 1, wherein the plurality of information ~~transmission~~ signals include a plurality of television program signals.
11. (Currently Amended) The system of claim [[9]] 1, wherein the plurality of information ~~transmission~~ signals include an audio signal.
12. (Currently Amended) The system of claim [[9]] 1, wherein the plurality of information ~~transmission~~ signals include a data signal.
13. (Currently Amended) The system of claim [[9]] 1, wherein the plurality of information ~~transmissions~~ signals are received from a transmission facility selected from the group consisting of a direct broadcast satellite, a cable headend, and a terrestrial transmitter.
14. (Currently Amended) The system of claim [[9]] 1, wherein the plurality of information ~~transmission~~ signals are multiplexed transmission signals selected from the group of frequency divided multiplexed transmission signals, time divided multiplexed transmission signals, code divided multiplexed transmission signals, wavelength divided multiplexed transmission signals, and dense wavelength divided multiplexed transmission signals.
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36. (Currently Amended) A method of providing digital entertainment data, the method comprising:

receiving a plurality of transmission signals at multiple ~~pairs of a tuner and a demodulator~~ tuners;

selecting an analog information signal from a ~~pair~~ tuner;

connecting a digital converter to the multiple ~~pairs~~ to receive the analog information signal and converting the analog information signal to digital information;

connecting decryption logic to the multiple ~~pairs~~ to receive encrypted digital information and decrypting the encrypted digital information to produce decrypted digital information;

connecting a media data bus to the decryption logic, to the digital converter, and to a system data bus, the media data bus receiving the decrypted digital information and the digital information and sending the decrypted digital information and the digital information to the system data bus;

connecting a first input of a video overlay processor to the media bus, connecting a second input of the video overlay processor to the system data bus, and connecting an output of the video overlay processor to the system data bus, the video overlay processor superimposing a first audio-visual signal over a second audio-visual signal to produce a superimposed signal and outputting the superimposed signal to the system data bus;

connecting a network bus to the system data bus to receive the decrypted digital information, the digital information, and the superimposed signal; and

connecting a data switch to the network bus to output the decrypted digital information, the digital information, and the superimposed signal to a plurality of switch ports

~~connecting the multiple tuners to a system data bus and to an analog-to-digital converter;~~

~~sending the analog information signal to the analog-to-digital converter;~~

~~outputting a digital information signal from the analog-to-digital converter that is based at least in part on the analog information signal;~~

~~connecting the tuner to a decryption circuit;~~

~~receiving an encrypted information signal from the tuner;~~

~~decrypting the encrypted information signal to produce a decrypted information signal;~~

~~connecting a decoder circuit to the decryption circuit to convert the decrypted information signal from one format to a second format;~~

~~connecting a cipher/decipher circuit to the decoder circuit and to the analog-to-digital converter to decipher the digital information received from the analog-to-digital converter and to decipher the converted decrypted information signal received from the decoder circuit;~~

~~connecting the cipher/decipher circuit to a media bus and sending deciphered information signals to the media bus;~~

~~connecting the system data bus to the media bus;~~

~~configuring the system data bus to only receive the deciphered information signals from the media bus, the system data bus unable to send information to the media bus;~~

~~storing information on a mass storage device connected to the system data bus;~~

~~connecting an input of a video overlay processor to the media bus, connecting another input of the video overlay processor to the system data bus, and connecting an output of the video overlay processor to the system data bus;~~

~~receiving the deciphered information signals from the media bus at the video overlay processor;~~

~~superimposing a first audio-video signal over a second audio-video signal by the video overlay processor to produce a superimposed signal;~~

~~sending the superimposed signal to the system data bus;~~

~~sending the first information signal from the media bus to the system data bus;~~

~~connecting a network bus to the system data bus;~~

~~receiving system data bus information and the superimposed signal at the network bus; and~~

~~connecting a data switch to the network bus to receive the first information signal system data bus information and the superimposed signal and sending the system data bus information and the superimposed signal to one or more switch ports of the data switch.~~

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39. (Currently Amended) The method of claim 36, further comprising:

connecting a mass storage device to the system data bus;

storing a browser-based graphical user interface in the mass storage device;<sup>2</sup> and

receiving an instruction to retrieve the graphical user interface from the mass storage device.

40. (Currently Amended) The method of claim 36, further comprising:
- connecting a mass storage device to the system data bus; and  
storing an item identifier having a first field indicating value that indicates content stored in the mass storage device has been played, ~~a second field another value~~ indicating the content has been purchased, and a third field value indicating the content has been licensed.
41. (Currently Amended) The method of claim [[36]] 40, further comprising storing an item identifier indicating a cost of playback and a second cost of purchase.
42. (Currently Amended) The method of claim 36, further comprising further comprising connecting a card reader to the decryption logic for authorizing encrypted pay-per-view events received by the decryption logic ~~receiving an item identifier corresponding to content downloaded a data rate that is less than a playback rate in bytes per second, and when a remaining amount of time required to complete the download is less than a playback time of the content, then indicating that the content is available for playback.~~
43. (Currently Amended) The method of claim [[36]] 40, further comprising receiving ~~an item identifier comprising~~ a storage position identifier specifying a logical storage position in the mass storage device, ~~and when new content is downloaded and stored, then downloading a new storage position identifier for the content already stored on the mass storage device.~~
44. (Currently Amended) The method of claim 36, further comprising connecting decoder logic between the decryption logic and the media bus to receive the decrypted digital information from the decryption logic, reformat the decrypted digital information, and send reformatted digital information to the media bus ~~wherein the digital data switch is an Ethernet switch.~~

45. (Currently Amended) The method of claim 36, wherein the ~~digital~~ data switch is a router.
46. (Currently Amended) The method of claim [[36]] 39, further comprising storing content items in the mass storage device ~~wherein the first broadband communication link is selected from the group consisting of a category 5 cable, a category 5e cable, a category 6 cable, a category 7 cable, and an OC-3 cable.~~
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52. (New) A system, comprising:
- a processor and memory connected to a system data bus;
  - multiple pairs of a tuner and a demodulator receiving a plurality of information signals;
  - decryption logic connected to the multiple pairs to receive encrypted digital information from the multiple pairs and to produce decrypted digital information;
  - decoder logic connected to the decryption logic and receiving the decrypted digital information, the decoder logic reformatting the decrypted digital information and producing reformatted digital information;
  - a digital converter connected to the multiple pairs to receive analog information from the multiple pairs and to produce digital information;
  - a media data bus connected to the decoder logic, to the digital converter, and to the system data bus, the media data bus receiving the reformatted digital information and the digital information and sending the reformatted digital information and the digital information to the system data bus;



a video overlay processor having a first input connected to the media bus, a second input connected to the system data bus, and an output connected to the system data bus, the video overlay processor superimposing a first audio-visual signal over a second audio-visual signal to produce a superimposed signal and outputting the superimposed signal to the system data bus;

a network bus connected to the system data bus and receiving the decrypted digital information, the digital information, and the superimposed signal; and

a data switch connected to the network bus to output the decrypted digital information, the digital information, and the superimposed signal to a plurality of switch ports.